

Rule 126
~~52~~⁵¹ 59. A reagent according to Claim ~~58~~⁵¹, wherein the oligonucleotide detection primer comprises an attachment moiety.

~~53~~⁵¹ 60. A reagent according to Claim ~~58~~⁵¹, wherein the oligonucleotide detection primer has a length of from 10-40 nucleotide residues.

Sub E2
~~54~~⁵¹ 61. A reagent according to Claim ~~58~~⁵¹ having the sequence 5'-GCG CGG ACA TGG AGG ACG TG-3'.

~~55~~⁵¹ 62. A reagent according to Claim ~~58~~⁵¹ having the sequence 5'-ATG CCG ATG ACC TGC AGA AG-3'.

~~56~~⁵¹ 63. A reagent according to Claim ~~58~~⁵¹ having the sequence 5'-GTA CTG CAC CAG GCG GCC GC-3'.

~~57~~⁵¹ 64. A reagent according to Claim ~~58~~⁵¹ having the sequence 5'-GGC CTG GTA CAC TGC CAG GC-3'.

~~58~~⁵¹ 65. A reagent according to Claim ~~58~~⁵¹ having the sequence 5'-CAT GGT GCA CCT GAC TCC TG-3'.

~~59~~⁵¹ 66. A reagent according to Claim ~~58~~⁵¹ having the sequence 5'-CAG TAA CGG CAG GCG GCC GC-3'.

~~60~~⁵¹ 67. A reagent according to Claim ~~58~~⁵¹ having the sequence 5'-AAG GCA CTC TTG CCT ACG CCA-3'.

~~61~~⁵¹ 68. A reagent according to Claim ~~58~~⁵¹ having the sequence 5'-AGG CAC TCT TGC CTA CGC CAC-3'.

~~62~~⁵¹ 69. A reagent according to Claim ~~58~~⁵¹ having the sequence 5'-AAC TTG TGG TAG TTG GAG CT-3'--

⁶³
20. A reagent according to Claim ⁵¹~~58~~ wherein the oligonucleotide detection primer is immobilized to a solid support.

⁶⁴
21. A reagent according to Claim ⁵¹~~58~~ wherein the labeled nucleotide is a deoxyribonucleotide triphosphate.

⁶⁵
22. A reagent according to Claim ⁵¹~~58~~ wherein the labeled nucleotide is a chain terminating nucleotide.

⁶⁶
23. A reagent according to Claim ⁶⁵~~52~~ wherein the labeled nucleotide is a dideoxyribonucleotide triphosphate.

⁶⁷
24. A reagent according to Claim ⁵¹~~58~~ wherein the oligonucleotide primer extension product is immobilized to a solid support.

⁶⁸
25. A reagent according to claim ⁵¹~~58~~ wherein the oligonucleotide primer is hybridized to the target nucleic acid polymer immediately adjacent to the predetermined position.--.

REMARKS

This is in response to the Office Action dated August 23, 1996 in the above-identified application. This application is a continuation of parent application serial No. 08/162,376 (hereinafter "'376 application") whose corresponding method claims have been deemed allowable. The claims of the '376 application are currently involved in two interferences. Interference No. 103,562 and Interference